AD-Cat\* is a broad-spectrum biocatalytic formulation that improves the overall performance of Anaerobic Digestion (AD) systems.

AD-Cat® works by solubilizing the waste components, thereby decreasing viscosity and allowing the waste stream to be better utilized by the microorganisms within AD systems.

AD-Cat® will help prevent insoluble waste components from forming floating layers, or internal blockages, within the AD system.

AD-Cat® allows more consistent biomethane yields to be produced and optimizes waste stream loadings into the AD system.

AD-Cat® offers the following benefits to operators:

- Improves AD loading of insoluble waste components.
- Solves formation of blockages with AD systems.
- Improves economic performance of AD systems.
- Supports more complete digestion conversion rates.
- Offers higher quality bio-methane yields.

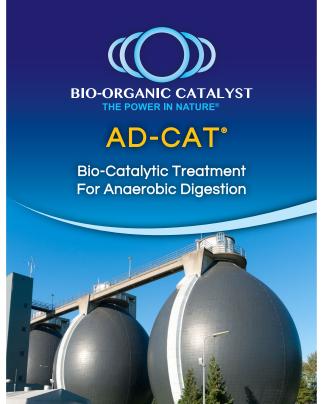
AD-Cat<sup>®</sup> is an essential tool for managing optimal AD system operations.

**AUTHORIZED DISTRIBUTOR** 



#### SEAL OF SAFETY™

The Bio-Organic Seal of Safety™ is our trademark declaration of our commitment to offering green biocatalytic solutions that shift the treatment of our water resources to a more sustainable ecological model.





## **Net Content:**

■ 2.5 Gallons/9.5 Liters ■ 55 Gallons/208 Liters ■ 275 Gallons/1041 Liters

## DIRECTIONS FOR USE

AD-Cat® can be injected into water lines, aeration devices, and sludge lines. Dosage rates will vary depending on numerous factors, including organic loading levels and specific operator objectives.

## **Aerobic Wastewater Treatment:**

1 ppm AD-Cat® per 100 BOD in organic loading is the basic metric used. In deployment, dissolved oxygen (DO) readings will guide dosing rate. Operator will adjust dosage rate to desired DO level.

**Anaerobic Digestion:** The basic dosage metric is: 250 ml to 1,000 ml per dry ton of volatile solids (VS).

Consult with a technical specialist to optimize installation and performance of AD-Cat®.

## PRODUCT SPECIFICATIONS

AD-Cat® is non-toxic, non-caustic, and safe to handle

Recommended Shelf Life: 2 years.
Storage Temperatures: Minimum 2°C. Maximum 50°C.

## CONTENTS

Water, highly purified yeast extracts, non-ionic surfactants.

## CAUTION

Keep out of the reach of children. If product from this container splashes in eyes, rinse well with water.

## SAFETY DATA SHEET

An AD-Cat® Safety Data Sheet is available through the BOC website at www.bio-organic.com. Please read the Safety Data Sheet carefully and follow all directions when using or handling this product.

#### AD-CAT®

MANUFACTURED IN THE USA UNDER DOMESTIC AND INTERNATIONAL PATENTS

# Bio-Organic Catalyst, Inc. A wholly owned subsidiary

A wholly owned subsidiary of Neozyme International, Inc.

711 West 17th Street, #E6 Costa Mesa. CA 92627

800.982.8676

bio-organic.com